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PDS 2h: Pile foundations (II): Installation, quality control, performance, and case histories

SPD 2h: Fondations sur pieux (II): Installation, contrôle qualité, performance et étude de cas

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Paper Presentation and Poster Discussion Session (PDS) for “2h: Pile Foundations (II): Installation, Quality Control, Performance, and Case Histories” was held at 14:00-17:00 on September 15 (Thursday) with J. Michael Duncan, Virginia Polytechnic Institute and State University, U.S.A as the session chair and Fuminao Okumura, Railway Technical Research Institute, Japan as the session secretary in the room 1003. Fourteen papers among 21 papers which have been accepted for publication were presented as numbered order. Presenters are underlined.

Modification of Davission's method - Baligh, F.A., Abdelrahman, G.E....

Response prediction for axially loaded pile groups in clays using 3D nonlinear analysis - Comodromos, E.M., Bareka, S.V....

Taiwan High Speed Railway – Contracts 260 & 270– Geotechnical aspects and pile testing. - Corbet, S.P., Peters, M., Huppert, F. Seitz.

A comparison of jacked, driven and bored piles in sand - Deeks, A.D., White, D.J., Bolton, M.D.

CAPWAP testing - theory and application - Green, T.A.L., Kightley, M.L....

Influence of loading rate on the bearing capacity of piles in sand - Huy, N.Q., Dijkstra, J., van Tol, A.F., Hölscher, P....

Development and application of the large-diameter driven cast-in-place concrete thin-wall pipe pile - Liu, H.-L., Fei, K., Xu, X.-T.

Observations on densification of soil during vibratory sheetpiling - Meijers, P., van Tol, A.F....

A case history on the investigation techniques for large diameter pile foundations - Passalacqua, R., Podestà, S., Gualc, D.

ISC'2 experimental site – prediction & performance of instrumented axially loaded piles - Santos, J.A., Leal Duarte, R.J., Viana da Fonseca, A., da Costa Esteves, E.F.M.

Pile foundations of Taiwan High Speed Rail - Seah, T.H., Moh, Z.C., Chin C.T., Duann, S.W.

Performance of pile foundation in multi-layered liquefied soil - Sesov, V., Towhata, I., Gonzales, M.

A design method concerning horizontal resistance of piles constructed in improved - Tomisawa, K., Nishikawa, J.

Loading rate dependency of subgrade reaction for a pile in liquefied dry sand. - Uzuoka, R.